

AMENDMENTS TO THE CLAIMS

1. (currently amended) A process for providing altering the properties of a cell and/or a particle comprising a membrane derived obtained from said cell with an additional proteinaceous molecule in a cell, said process comprising the step of contacting said cell and/or said particle with a lipid-modified proteinaceous molecule, wherein said lipid-modified proteinaceous molecule comprises at least one protein moiety derived from a first protein and at least one lipidation signal derived from a second protein, where said second protein is a bacterial protein.
2. (original) A process according to claim 1 wherein said cell is a eukaryotic cell.
3. (currently amended) A process according to claim 1 wherein said particle is comprises a virus.
4. (original) A process according to claim 1 wherein at least part of the assembly of said lipid-modified proteinaceous molecule is performed in a cell.
- 5-7. (canceled)
8. (original) A process according to claim 1 wherein at least part of said proteinaceous molecule is derived from a protein of the immune system.
9. (original) A process according to claim 1 wherein at least part of said proteinaceous molecule is derived from a single chain variable fragment.
10. (original) A process according to claim 9 wherein said proteinaceous molecule comprises a first lipidation signal at the amino-terminus and a second lipidation signal at the carboxy-terminus.

11. (original) A process according to claim 1 wherein at least part of said proteinaceous molecule is derived from an antigen binding Fab fragment.

12. (original) A process according to claim 1 wherein at least part of the proteinaceous molecule comprises at least a part of a receptor, co-receptor, ligand, homing molecule, adhesion molecule, heat shock protein, signaling protein or pump.

13. (original) A process according to claim 1 wherein at least part of the proteinaceous molecule comprises a stretch of amino acids conferring to the proteinaceous molecule the property to interact with a signal-transducing molecule present on the plasma membrane of said cell.

14. (original) A process according to claim 1 wherein said proteinaceous molecule comprises a purification tag for the purification of said molecule.

15. (original) A process according to claim 1 wherein said proteinaceous molecule comprises a detection tag for the detection of said molecule.

16. (original) A process according to claim 1 wherein a lipid-modified proteinaceous molecule is added to the outer membrane of a eukaryotic cell or of a particle comprising a membrane derived from a eukaryotic cell.

17. (withdrawn) A vector for producing lipid-modified proteinaceous molecules said vector comprising at least one open reading frame encoding at least one proteinaceous molecule wherein said proteinaceous molecule comprises at least one protein moiety derived from a first protein and at least one lipidation signal derived from a second protein.

18. (withdrawn) A vector according to claim 17 wherein said proteinaceous molecule further comprises a detection tag and/or a purification tag.

19. (withdrawn) A lipid-modified proteinaceous molecule used in a process according to claim 1.

20. (withdrawn) A lipid-modified proteinaceous molecule produced with a vector according to claim 17 or claim 18.

21. (withdrawn) A lipid-modified proteinaceous molecule according to claim 19 comprising a flexible linker.

22. (currently amended) A cell or a particle comprising a membrane derived from said cell, comprising a lipid-modified proteinaceous molecule, where said cell or said particle obtainable is obtained by a process according to claim 1.

23. (currently amended) A cell or a particle comprising a membrane derived from said cell comprising at least one additional lipid-modified proteinaceous molecule wherein said lipid-modified proteinaceous molecule comprises at least one protein moiety derived from a first protein and at least one lipidation signal derived from a second protein, where said second protein is a bacterial protein.

24. (new) A eukaryotic cell or a particle comprising a membrane obtained from a eukaryotic cell, said cell or particle comprising a lipid-modified proteinaceous molecule, said proteinaceous molecule comprising at least one bacterial lipidation signal from a first protein and at least one protein moiety derived from a second protein.

25. (new) A cell according to claim 22, wherein the cell is further genetically modified before or after contacting said cell with the lipid-modified proteinaceous molecule.

26. (new) A process according to claim 1, wherein the cell is a human cell.